GH - WPH Product instructions manual

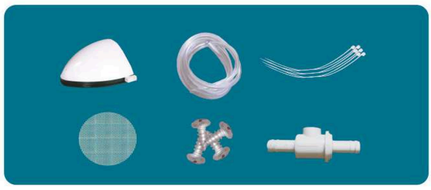
1. Thanks for buying our products

READ INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL, OPERATE OR SERVICE THE PUMP. KNOW THE PUMP APPLICATION, LIMITATIONS AND POTENTIAL HAZARDS. PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION.

2. Safety Guidance

- Shut off electrical power at fuse/breaker box before making any connections.
- Do not use to pump flammable or explosive fluids such as gasoline, fuel oil, kerosene, etc. Do not use in explosive atmospheres.
- Please contact with manufacturers or after sales team to change the power line, if it is not broken.
- Make sure the magnet side of each float is always up and the sink is placed smoothly.
- Condensate pumps can be used in most working and living environments, but are not recommended for use in greasy or dirty environments.
- Only used indoor.
- Can't used as sinking pump.

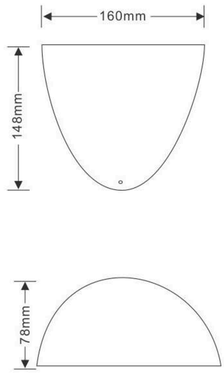
3. Product's instruction's pictures



No.	Parts name	QTY
1	Pump body	1
2	Stainless steel filter	1
3	Transparent tube (Ø6*Ø9*1500)	1

No.	Parts name	QTY
4	M3.5*12 Tapping screw	1
5	Nylon cable tie	4
6	Anti-siphon joint	1

4. Product's size pictures



5. Technical parameters

Model	Voltage	Hz	Safe current	Power	Maximum head	Authentication
GH-WPH-50	110-240	50/60	3	5	15m	ETL
GH-WPH-66	110-240	50/60	3	5	20m	

1	Voltage	100-240V, AC, 50/60HZ
2	Maximum flow	20L/H, 40L/H@0head
3	Noisy	17dB (A) @1M/19dB (A) @1M
4	Maximum suction head	15M/20M
5	Safe current	3A
6	Maximum water temperature environment	70°C
7	Sink capacity	250ml

*Overflow alarm function.
*Anti-mold tank.
*Tank automatically cleaning after continuous shutdown for seven days.

6. Head picture

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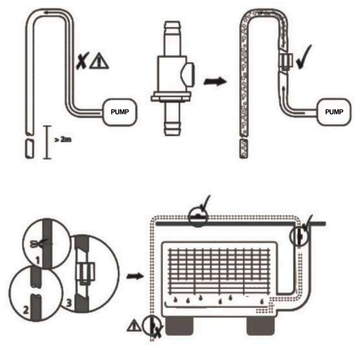
7. Notice for use

- The water tank should be installed horizontally, and the fuselage should not tilt. Check whether the water level of the water tank is level after installation. If there is a tilt, adjust the level before use.
- Do not place electrical appliances or valuables under the drainage pump to avoid water leakage caused by power failure.
- Pumps are not waterproofed, so please do not put it outside without any covers.
- The drainage pump power supply needs to be installed with an independent power supply to maintain permanent power supply. If the air conditioning system needs to be connected, see the wiring diagram.
- The inflow of water is strictly prohibited to be greater than the allowable output of the drainage pump, which is easy to cause the motor to work continuously and fail. The instantaneous inflow of water will also cause the drainage pump to be unable to discharge water in time, resulting in leakage.

8. Installation steps

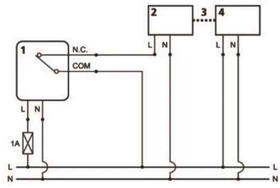
1. Please make sure that the side of the float with the magnet in the sink is facing up, and the filter and upper cover are firmly mounted on the sink (as shown in the picture).
2. Ensure that the sink is placed smoothly, and the air conditioner outlet pipe should be closely connected with the water inlet pipe of the sink; At the same time, connect the 6*9*20 transparent pipe with the sink cover (as shown in the picture).
3. Put the pump body in the position that can be fixed as shown in the picture.
4. Connect the sink to the pump with a 6*9 diameter water pipe and tie it tightly with a rolling belt. Please ensure that the length of the water pipe is not more than 2 meters (as shown in the picture).

5. The location of the drainage outlet should not be lower than 2 meters of the pump, which will siphon and produce noise; If the drainage outlet is 2 meters lower than the pump, please install the anti-siphon connector (as shown in picture).



6. Connect power line: In order to avoid property loss caused by leakage caused by failure of the drainage pump, it is recommended to connect the alarm signal line and connect "normally closed" and "normally open" signal terminals according to different working conditions (as shown in picture).

Warning: Please pay attention to the difference between power cable and signal cable. Incorrect wiring may damage the drainage pump. And ensure that the voltage is consistent with the product label voltage, the connection is correct.



1 - Drain water pump relay.
2 - Air conditioning internal unit.
3 - Air conditioning internal and external unit connection line.
4 - Air conditioning external unit.
Power cord :(L) live line – brown (N) neutral line – blue.
Signal line :(N.C) normally closed line – black (COM) common line – black.

Note: Proper use and maintenance can improve the working life of the product. It is recommended to check and clean the air conditioning and drainage pump in the changing season or more frequently (as shown in the picture).

9. Pump warranty

This warranty covers faults caused by defective materials or manufacturing problems of the manufacturer. During the warranty period, the buyer can put forward replacement or repair of defective products. Any returned product must be complete against failure caused by non-compliance with the instructions and is not covered by the warranty.

10. Trouble removal

Questions	Reasons	Solutions
Pumps work consistency with nonstop	Float with magnet without face up	Install the float again, making sure the magnet is facing up.
	Improper installation	Adjust pump positions.
	Water sink is dirty	Clear water sink interior and float insurance.
Pumps working with louder noisy	The water in the pump siphons	Check whether the outlet of the water outlet line is lower than the drainage pump, resulting in siphon age; raise the outlet position or install the anti-siphon head.
Pumps working without discharging water outside	Line by plugging	Check the whole water tube, solve the water plugging problems.
Pumps cannot work	Installation sewer	Adjust water sink position to make sure it is on the horizon place.
	Pumps are not workable	Check whether the power supply is properly plugged in.
	Wiring error	Check that the corresponding wires are properly connected.